

Contents to volume 71

Computational physics	<i>Issue</i>	<i>page</i>
Lönnblad, L. and A. Nilsson, The MC + + event generator toolkit – version 0	1&2	1
Lönnblad, L., Ariadne version 4 – A program for simulation of QCD cascades implementing the colour dipole model	1&2	15
Simos, T.E., Exponential fitted methods for the numerical integration of the Schrödinger equation	1&2	32
Kleiss, R., Average-case complexity distributions: a generalization of the Woźniakowski lemma for multidimensional numerical integration	1&2	39
Badralaxe, E., P. Marksteiner, Y. Oh and A.J. Freeman, Computation of the Kummer functions and Whittaker functions by using Neumann type series expansions	1&2	47
Čadek, O., Z. Martinec and C. Matyska, Spectral variational approach to the non-Newtonian Stokes problem in a spherical shell	1&2	56
Morales, J.J. and S. Toxvaerd, The cell-neighbour table method in molecular dynamics simulations	1&2	71
Ohlsson, M., C. Peterson and A.L. Yuille, Track finding with deformable templates – the elastic arms approach	1&2	77
Knight, P.J., M. Cox and T.C. Hender, A filament code for tokamak axisymmetric stability	1&2	99
Abad, J. and J. Sesma, Computation of Coulomb wave functions at low energies	1&2	110
Wu, S.Y., J.A. Cocks and C.S. Jayanthi, An accelerated inversion algorithm using the resolvent matrix method	1&2	125
Smith, R.W., Energy minimization in binary alloy models via genetic algorithms	1&2	134
Bonnin, X. and R. Marchand, Analytic rates for fitted ionization cross-sections	1&2	147
Brosolo, M., P. Decleva and A. Lisini, Continuum wavefunctions calculations with least-squares schemes in a <i>B</i> -splines basis.	3	207
Pabon-Ortiz, C.U. and M. Artoni, Laguerre polynomials: novel properties and numerical generation scheme for analysis of a discrete probability distribution	3	215

Contents to volume 71

Computational physics	<i>Issue</i>	<i>page</i>
Lönnblad, L. and A. Nilsson, The MC + + event generator toolkit – version 0	1&2	1
Lönnblad, L., Ariadne version 4 – A program for simulation of QCD cascades implementing the colour dipole model	1&2	15
Simos, T.E., Exponential fitted methods for the numerical integration of the Schrödinger equation	1&2	32
Kleiss, R., Average-case complexity distributions: a generalization of the Woźniakowski lemma for multidimensional numerical integration	1&2	39
Badralexe, E., P. Marksteiner, Y. Oh and A.J. Freeman, Computation of the Kummer functions and Whittaker functions by using Neumann type series expansions	1&2	47
Čadek, O., Z. Martinec and C. Matyska, Spectral variational approach to the non-Newtonian Stokes problem in a spherical shell	1&2	56
Morales, J.J. and S. Toxvaerd, The cell-neighbour table method in molecular dynamics simulations	1&2	71
Ohlsson, M., C. Peterson and A.L. Yuille, Track finding with deformable templates – the elastic arms approach	1&2	77
Knight, P.J., M. Cox and T.C. Hender, A filament code for tokamak axisymmetric stability	1&2	99
Abad, J. and J. Sesma, Computation of Coulomb wave functions at low energies	1&2	110
Wu, S.Y., J.A. Cocks and C.S. Jayanthi, An accelerated inversion algorithm using the resolvent matrix method	1&2	125
Smith, R.W., Energy minimization in binary alloy models via genetic algorithms	1&2	134
Bonnin, X. and R. Marchand, Analytic rates for fitted ionization cross-sections	1&2	147
Brosolo, M., P. Decleva and A. Lisini, Continuum wavefunctions calculations with least-squares schemes in a <i>B</i> -splines basis.	3	207
Pabon-Ortiz, C.U. and M. Artoni, Laguerre polynomials: novel properties and numerical generation scheme for analysis of a discrete probability distribution	3	215

Computer programs in physics

Kim, B.T., M.C. Kyum, S.W. Hong, M.H. Park and T. Udagawa, NLOM – a program for nonlocal optical model calculations	1&2	150
Amaya, A. and E. Chacón, Integral of a product of three 6-dimensional spherical harmonics	1&2	159
Pi, H., An event generator for interactions between hadrons and nuclei – FRITIOF version 7.0	1&2	173
Fleischer, J. and O.V. Tarasov, SHELL2: a package for the calculation of two-loop on-shell Feynman diagrams in FORM	1&2	193
Gravielle, M.S. and J.E. Miraglia, Erratum notice. Some Nordsiek integrals of interest in radiation and atomic theories	1&2	206
Michalewicz, M.T., H.B. Shore, N. Tit and J.W. Halley, Equation of motion method for the electronic structure of disordered transition metal oxides	3	222
Lu, D.-h., T.N. Truong, V.S. Melissas, G.C. Lynch, Y.-P. Liu, B.C. Garrett, R. Steckler, A.D. Isaacson, S.N. Rai, G.C. Hancock, J.G. Lauderdale, T. Joseph and D.G. Truhlar, POLYRATE 4: a new version of a computer program for the calculation of chemical reaction rates for polyatomics	3	235
Bilge, A.H., A REDUCE program for the integration of differential polynomials	3	263
Shkarofsky, I.P., M.M. Shoucri and V. Fuchs, Numerical solution of the Fokker-Planck equation with a dc electric field	3	269
Fack, V., J. Van der Jeugt and K.S. Rao, Parallel computation of recoupling coefficients using transputers	3	285
Mankiewicz, L., A. Schäfer and M. Veltri, PEPSI – a Monte Carlo generator for polarized leptoproduction	3	305
Sullivan, E.C. and A. Temkin, Further developments in the noniterative method of solving PDE's in electron scattering	3	319
Wittmann, H.-P. and K. Kremer, Erratum notice. Vectorized version of the bond fluctuation method for lattice polymers	3	343